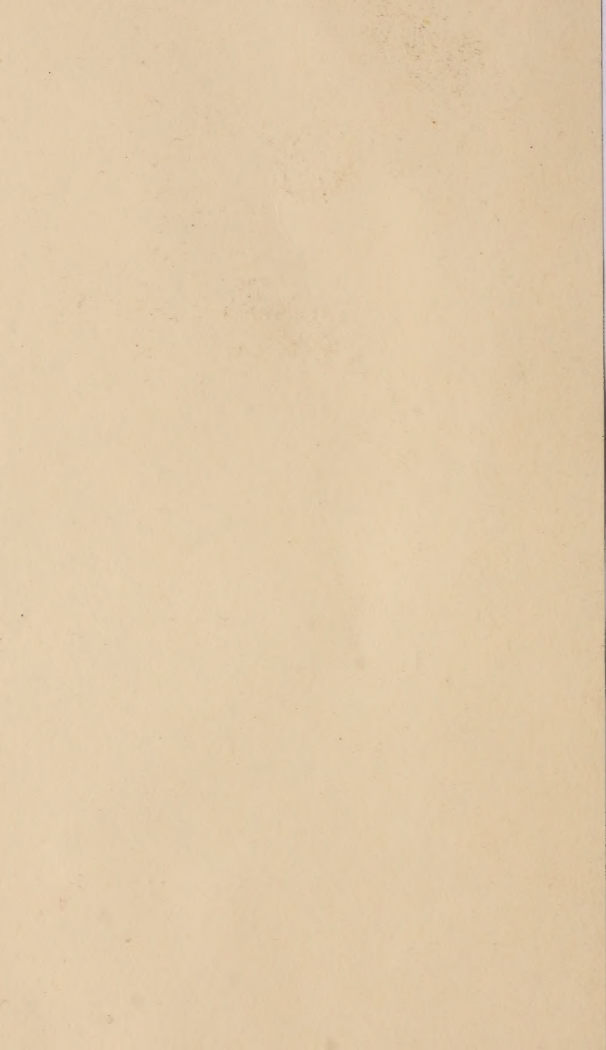


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U. S. Department of Agriculture  
Washington, D. C.

**DESCRIPTIVE LIST**  
**OF**  
**Standard and Choice**  
**Varieties of**  
**PEAS AND BEANS**

**GROWN BY**  
**The**  
**John H. Allan**  
**Seed Company**

**Established**  
**1856**

**Incorporated**  
**1892**



**Main Business Office:**  
**Sheboygan, Wisconsin**

**where all correspondence**  
**should be addressed.....**



**Growing Station**  
**STURGEON BAY, WISCONSIN**

**• • 1907 • •**



## Our Method of Doing Business.



We grow peas and beans on contract for the seed trade. Planting only sufficient seed to produce under ordinarily favorable circumstances the quantities contracted, we have in ordinary seasons no surplus to be placed on the market to compete with the stocks of our customers. In case of partial failure of crops, we divide our entire product above seed stock reserve *pro rata* among our patrons, which entitles us to a greater degree of consideration than that accorded to houses that are contract growers, jobbers, and retailers.

We do nothing to bring our name prominently before the consumer and, in shipping goods, we use plain tags and labels on which our name does not appear.

Guaranteeing delivery? This we can never do, but we do agree to plant sufficient seed to protect all contracts under ordinarily favorable crop conditions. In case of short crops or loss by fire, or other causes a guaranteed delivery would be carried out by carrying a reserve of old seed to draw from, by purchase of such goods as might be ob-

tained, or by withholding from other customers whose contracts are not guaranteed. A careful consideration of these facts shows that ours is the only course that can be maintained with justice to all parties concerned.

While we use great care to have the seed pure and reliable, it is understood between ourselves and the purchasers of our seeds that we do not warrant the same and are not in any respect responsible for the seeds sold by us, or for any loss or damage arising from any failure thereof in any respect.

## Facilities for Doing Business.



Since this business was founded by Mr. Allan more than fifty years ago, our facilities have never been so complete as at the present time. Our entire business being the growing and handling of peas and beans, in which is centered the entire thought and training of each member of our firm and the large corps of employees who have been with us for years, gives us breadth of knowledge and a degree of intelligent and skillful care over each detail of the work, from the careful roguing of the growing crops to the cleaning and fitting for shipment, which is equalled by few and, we think, excelled by none.

### LOCATION.

One of the most serious problems confronting the pea grower is the finding of localities having suitable soil and climatic conditions where pea crops can be successfully grown.

Some sections, most desirable a few years ago, are now worthless for this purpose on account of the ravages of the pea weevil or other causes.

Our location in northern Wisconsin, along the western shore of Lake Michigan and the shores of Green Bay, into northern Michigan, has the very best of natural advantages and we believe it to be the best section in the United States for our business.

New York State has long been most favorably known as a bean-growing section, but the last few years have proven most disappointing, and what acreage we have had in Wisconsin has not only proved much more satisfactory, but the quality of stocks has proved in every way fully equal to any eastern-grown goods, and we think we can best protect the interest of our customers by growing largely in Wisconsin and Michigan.

#### TRIAL GROUNDS

Our trial grounds contain standard sorts as well as novelties, the study and comparison of which is always interesting, and our customers are always welcome to inspect these, as well as our growing crops at the proper season.

#### NEW VARIETIES.

We are ever looking for something better, and many varieties that had extended sale and gave excellent satisfaction but a short time ago are replaced by newer and better sorts.

In the extra early class Philadelphia, Extra Early, and Caractacus are succeeded by Allan's Sunol, Maud S. and other strains that are earlier and better in every way. In smooth green seeded early peas the old Kentish Invicta is replaced by Alaska and now a new pea in this class, Claudit, early, with a large, long handsome pod.

Alpha has been replaced by Surprise.

Within the last few years a new wrinkled

type has been introduced, an early pea with large, handsome, showy pod, Gradus and Thomas Laxton, now in general use and very popular.

In dwarf wrinkled peas **Sutton's Excelsior** is rapidly coming to the front as the best of all its class while in main crop, long vined, large podded, wrinkled peas **Allan's Admiral Dewey** is at the head of all that class and **Allan's Improved Telegraph** the best of all main crop, large podded, smooth or dented peas.

### Extra Early Peas, Smooth Seeded.

While the growing of peas is a simple matter, to maintain a strain of Extra Earlys that keeps its place at the head of the line for earliness, hardiness, productiveness and uniformity, requires constant and intelligent care and watchfulness; and **Allan's Early Dexter**, introduced years ago and followed later by **Allan's Maud S.** and **Sunol**, have never been and are now in the front rank and acknowledged as such throughout the world where extra early peas are grown.

**ALLAN'S SUNOL.**—Introduced in 1893, the result of many years of careful propagation by Mr. Allan according to a system entirely his own, for earliness and purity without a rival. Vines vigorous, sometimes throwing laterals from the base of the stalk, bearing from four to seven pods of good size and shape, containing five to six peas of good flavor. Seed light cream color, slightly dented and pitted; height  $2\frac{1}{2}$  feet. Pod about  $2\frac{1}{2}$  inches long, round, nearly straight, usually rounded out at the point.

**ALLAN'S MAUD S.**—An improvement on **Early Dexter**, from which it was obtained by hybridization and careful selection by

Mr. Allan's special method of culture, possesses an extraordinary degree of vitality, having matured a full crop in some sections where severe frost had ruined other sorts, thus proving extremely valuable for market gardeners in southern states who plant for early market at a season when frosts frequently occur after growth has begun. Undoubtedly the most popular early pea for market gardeners yet introduced. Seed round, light cream color, slightly dented; height  $2\frac{1}{2}$  feet.

**ALLAN'S EARLY DEXTER.** — The standard extra early pea for ordinary use. Early, productive, hardy, and vigorous, in general use by market gardeners throughout America for the past thirty years, having proved to be very conservative and reliable in its habits. Seed round, light cream color, slightly dented, height  $2\frac{1}{2}$  feet.

**RURAL NEW YORKER.**—An extra early of great productiveness and vigorous growth, seed round, light cream color; height  $2\frac{1}{2}$  to 3 feet.

**FIRST AND BEST.**—A fairly productive extra early, not quite so robust and vigorous as Rural New Yorker, nor so uniform in growth, but quite popular in some localities. Seed round, smooth, light cream color; height  $2\frac{1}{2}$  feet.

**CLAUDIT.**—In general habit and length of vine resembling Alaska, ripening at the same time, but with much longer, broader pods. Length of pod three inches, straight, handsomely shaped, well filled at the point. Seed round, light green. dented, height 2 feet.

**AMEER.**—Somewhat similar to Claudit, not quite so early, vine a little longer, pod

not so well filled and somewhat curved. Pod three inches long, broad, curved. Seed light green, smooth, dented, height 3 feet.

ALASKA. -- Well known and extensively used, especially by canners. Very early and when carefully grown, uniform in ripening. The foliage has a peculiar light green color which distinguishes it from most other sorts. Pod  $2\frac{1}{2}$  inches long, round, well filled. Seed round, blue, slightly pitted, height  $2\frac{1}{2}$  feet.

EARLIEST OF ALL.—Almost identical with Alaska and, while fully as early, it is more inclined to sport. This is known in some localities by the name of Express. Seed and habit same as Alaska.

ECLIPSE. — The name Eclipse is frequently given to the Alaska pea in Great Britain and France.

#### Early Peas. Wrinkled Varieties.

Much care has been expended to produce a pea which shall ripen with the first and at the same time have the tender and delicious quality of the wrinkled varieties. This was accomplished a few years since in Surprise and Eclipse, while in Gradus and Thomas Laxton we have the unexpected result of having a large wrinkled pea with pods similar in shape and size to the Telephone, ripening with the Extra Earlies.

GRADUS.--Probably no pea has yet been introduced which in so short a time has become so widely distributed and so much sought for. Here we have a large wrinkled early pea with a pod nearly as large as Telephone with large peas, tender, of good quality and flavor. Very quick to germinate maturing with the earliest sorts, and with

quick, warm, rich soil and favorable conditions a fairly good cropper, but very disappointing under adverse surroundings. Foliage large and luxuriant, pale green. Pods 4 inches long, straight, slightly rounded at the point. Seed large, wrinkled, cream color tinged with green, height 3 feet.

THOMAS LAXTON. — Closely resembling Gradus in habit and rapidity of growth, earliness, and luxuriance of foliage. The pod is not so large, being shorter, and instead of being rounded at the point, it is square or blunt, of the Ne Plus Ultra type, and like nearly all peas of this type it is an excellent filler. The fact that it has proved to be more productive than Gradus, compensates in a measure for the slightly smaller pods. Pods  $3\frac{1}{4}$  inches long, straight, round, well filled and square at the point. Seed large, wrinkled, cream color tinged with green; height 3 feet.

SURPRISE.—Introduced in 1897 by James J. H. Gregory and worthy of his high opinion of its merits. Resembling in vine, size and shape of the pod and ripening Maud S. and Alaska, it has the tender quality and with delicate flavor of Alpha and other first class wrinkled sorts, and is much used by canners who wish a sweet tender pea of delicate flavor; and most desirable for those who wish an early pea with flavor and quality to please the most fastidious. Pod  $2\frac{1}{2}$  inches long, round, straight, well filled. Seed, small, green, wrinkled; height 2 feet.

ECLIPSE. — If not identical with Surprise, so closely resembling it that a different description can not be given.

LAXTON'S ALPHA.—An old and highly esteemed sort, noted particularly for the

tenderness and delicate flavor of the peas, which in this respect are unsurpassed, but showing a strong tendency to sport, and unsatisfactory on that account. We have a limited quantity of select stock which we can recommend. Pod  $2\frac{1}{2}$  inches long, straight, round. Second early, seed small, light green, wrinkled; height 3 feet.

#### **Dwarf Early Peas.**

**NOTT'S EXCELSIOR.** — Resembling in habit Carter's Premium Gem, but more dwarf and uniform in growth, height midway between American Wonder and Gem. Being more uniform, productive, and earlier than either, it is far more desirable. This pea is now used in large quantities and is very popular. Pod  $2\frac{1}{2}$  inches long, straight, round. Seed green, wrinkled, frequently square at the ends like American Wonder, height 14 inches.

**SUTTON'S EXCELSIOR.**—Since the introduction of Nott's Excelsior, which is today probably the most popular dwarf wrinkled sort in America, we have seen no pea that is so great an advance in this class as Sutton's Excelsior. Similar in habit of growth to Nott's Excelsior, but bearing very large broad pods filled with large peas, tender and of most delicious flavor. Its great merit lies in the fact that in this we have an early dwarf wrinkled pea in the front rank for earliness, with much larger and handsomer pods than any dwarf early wrinkled pea yet introduced. It takes the place in this class, so acceptably filled by Stratagem and Telephone in later sorts, and by Gradus in the early class, and is bound to be in great demand when fully known; of first class merit and we most confidently recommend it.

With us this pea has increased in vigor and length of vine since it was first introduced and it is a good cropper. Pod 3 inches long, broad, straight, well filled to the point. Seed very pale green, wrinkled; height 15 inches.

AMERICAN WONDER.—Vigorous, productive, with dark luxuriant foliage, having the peculiarity of producing leaves on one side of the stalk. Responding generously to high culture, very desirable and popular for private gardens. Pod  $2\frac{1}{2}$  inches long, round, well filled and crowded to the end. Seed green, wrinkled, often square at the end; height 10 inches.

WM. HURST.—Quite popular in England as it surely would be in America were it thoroughly known. Resembling somewhat American Wonder in habit, but more straggling and uneven in growth; hardy, vigorous, and productive, bearing in profusion long, curved, handsome pods, well filled with peas of fine flavor. Pods  $2\frac{1}{2}$  inches long, slightly curved. Seed light green, wrinkled; height 12 inches.

TOM THUMB. — An improvement on Beck's Gem, an old and well known sort, being more dwarf in habit and more desirable for garden culture. Early and prolific, although the peas are of poor quality for the table. Pods  $2\frac{1}{2}$  inches long, round, nearly straight. Seed small, round, white; height 12 inches.

McLEAN'S BLUE PETER. — Hardy, very uniform, robust and fairly productive, pods broad, borne near the top of the vines, peas of fair flavor. Pods  $2\frac{1}{2}$  inches long, straight and quite broad with square or blunt end. Seed round, blue, slightly flattened, dented; height 12 inches.

**CARTER'S PREMIUM GEM.**—Probably no pea of this class has been more universally and deservedly popular in America. Hardy, prolific, uniform in habit of growth, pods borne singly on both sides of the stalk, beginning near the ground. Peas of fine flavor, about a week later than American Wonder. Pods  $2\frac{1}{2}$  inches long, nearly straight, round, well filled to the end. Seed green, wrinkled; height 16 to 18 inches,

**McLEAN'S LITTLE GEM.**—Similar to Premium Gem, but more straggling in growth, pods not quite so well filled. Seed light green, wrinkled; height 18 inches

**ENGLISH WONDER.**— Vigorous and uniform in growth, bearing in profusion slightly curved pods, broader and larger than American Wonder, well filled with deep green peas of extra fine flavor. Ten days later than American Wonder. The most desirable dwarf wrinkled sort to follow Excelsior and American Wonder, and more productive than either, fully their equal for the table, and a variety which we confidently recommend. Pod 3 inches long, round, slightly curved. Seed small, light green, wrinkled, and often square at the end, thick, stocky vine; height 14 inches.

#### Half Dwarf, Medium and Late Sorts.

**ALLAN'S DWARF TELEPHONE.**— This pea was obtained during the season of 1888, resulting from a cross of Stratagems and Telephones by one of the most careful propagators in the United States, which we watched with great interest until it increased to nearly 10 bushels, when we bought the entire stock. While for a number of years it showed very little tendency to sport, it afterwards has proved very troublesome and

this fault has greatly impaired its value. For, if it were easily kept true, it is to-day probably the finest pea of its class. Season medium, ripening about a week before Stratagem. Pods broad, 4 inches long, straight, rounded at the point, elegant shape, pale green in color, well filled, frequently containing ten peas of most delicious flavor. Seed pale green, much wrinkled and shriveled; height 18 to 20 inches.

**McLEAN'S ADVANCER.**—An old and well known variety, largely used by market gardeners and in some localities used by canners in greater quantity than any other sort. Upright and vigorous in growth, hardy and productive, and the pods being borne near the top of the stalk, they are easily gathered. Nearly a week later than Premium Gem. Pods 3 inches long, round, nearly straight, well filled to the end. Seed green, wrinkled; height 20 to 22 inches.

**PRINCE OF WALES** — An old standard and popular variety, particularly in England, and also used by some canners who wish a pea of large size. This is sweet, tender, and light in color; hardy, vigorous, and upright in habit, pods being produced abundantly in pairs near the top of the vine. Flavor of the pea is of first quality, which is indeed true of nearly all white or cream colored wrinkled varieties. Pod 3 inches long, broad, straight, well filled. Seed light cream color, wrinkled, flattened: height  $2\frac{1}{2}$  feet.

**SHARPE'S QUEEN.**—A very desirable variety as the pods are long and finely shaped, and being half dwarf, does not take up as much room as some of the longer vined varieties. Being of vigorous branching habit, it needs to be sown thinly. Pods 4 inches

long, slightly curved, well filled with large peas of delicious flavor. Seed dark green, wrinkled; height 2 feet.

**HORSFORD'S MARKET GARDEN.**—This somewhat resembles in habit of growth Premium Gem, but is one third taller and ten days later. Pods are produced in pairs in great profusion, they are not so well filled with peas as either Gems or Advancers, but the pods are produced in greater abundance. This sort is more largely used by canners throughout the United States than any other wrinkled sort. Pods  $2\frac{1}{2}$  inches long, straight. Seed green, wrinkled: height 22 to 24 inches.

**JUNO.**—Robust, vigorous, remarkably uniform in growth, so much so that the tops of the vines present an almost level appearance, bearing straight pods 3 inches long, broad with blunt end, frequently in pairs, and usually well filled. Seed green, tinged with straw color: height 20 inches to 2 feet.

**ABUNDANCE.**—Vigorous in growth, producing pods in great abundance: although of medium size, they are well filled with peas of good quality and in every way quite similar in manner of growth and general appearance to Market Garden, so a correct description will fit either one. Seed green, wrinkled; height 20 inches.

**HEROINE.**—Introduced by Messrs. Peter Henderson & Co. of New York, and in every way worthy of the highest commendation. Elegant habit of growth, luxuriant foliage, bearing pods that are 4 inches long, handsome, slightly curved, well filled with large peas of fine quality and flavor, apparently as good as Stratagem for all purposes, while far superior to that variety in habit as it is remarkably true and fixed in its habits of

growth. Seed green, very much wrinkled; height 2 feet.

**SUTTON'S DWARF DEFIANCE.**—A pea which resembles Carter's Stratagem very closely and seeming to be fully its equal in every way, with the advantage of being more uniform in growth and freer from sports or runners. At least this has been our experience during the few years we have been growing them. Seed large, green, wrinkled; height 20 inches.

**CARTER'S STRATAGEM.**—Vigorous habit, luxuriant foliage and with good culture a heavy cropper. A prime favorite with gardeners as the pods are very large and handsome and the peas of excellent quality. A very satisfactory pea when a pure stock can be obtained, but the tendency to sport is so strong that the annoyance and discouragement caused by this have largely counterbalanced its good qualities. Pods 4 inches long, straight, broad, finely shaped and rounded at the point. Seed very large, green, wrinkled; height 20 inches.

**CARTER'S PRIDE OF THE MARKET.**—In habit of growth and general appearance, both of the vine and pod, it resembles very closely Carter's Stratagem, except that the vine is not quite so long and the pods are deeper green in color, and the quality of peas is not so good. Pods  $3\frac{1}{2}$  inches long, broad and straight. Seed blue, smooth, slightly dented; height 18 inches.

**CARTER'S DAISY.**—This pea was introduced about the time of Allan's Dwarf Telephone, and although the two are of different parentage they resemble one another very closely. A most desirable pea on account of the large size, beautiful shape and fine quality of the pods. Seed green, wrinkled; height 18 to 20 inches.

**DWARF CHAMPION.**—Habit strong, vigorous, bearing very large pods, 3 inches long

and heavy, very much like Juno but not quite so broad, blunt at the ends. This has proved to be very productive. Seed medium sized, green, wrinkled; height  $2\frac{1}{2}$  feet.

**YORKSHIRE HERO.** — An old and well known variety and justly prized for its genuine worth. It is hardy and productive, upright in growth. bearing near the top of the stalk broad short pods filled with large peas of good quality. Season late. Pods  $2\frac{3}{4}$  inches, long, broad and straight. Seed large green, wrinkled, flattened; height  $2\frac{1}{2}$  feet.

**SHROPSHIRE HERO.**—A more recent introduction and a great improvement on Yorkshire Hero as it bears in greater abundance large handsome pods which are much longer and filled with peas fully as good in flavor, which renders it more desirable. This variety is used by some canners that want a pea of large size, tender, light in color and of good flavor. Pods  $3\frac{1}{2}$  inches long, straight, well filled to the point. Seed green, very much wrinkled; height 2 feet.

**DR. McLEAN.** — An old variety much esteemed in some sections of the United Kingdom, but little used in the United States, of branching, vigorous habit, bearing pods of medium length near the top of the vine, well filled with peas of good flavor. Pod  $3\frac{1}{4}$  inches long, broad and straight. Seed green, wrinkled; height  $2\frac{1}{2}$  feet.

**EVERBEARING.**—Vigorous and branching in habit of growth, season late, pods 3 inches long, broad and of fair size, peas large and of good quality. Seed green, wrinkled, flattened, height 2 feet.

**DWARF BLUE IMPERIAL.** — An old and well known sort, bearing pods of large size and only indifferent quality, and its place is better supplied by wrinkled varieties which are sweeter and more tender.

Pod 3 inches long and straight. Seed smooth, blue, somewhat flattened; height 30 inches.

**HARRISON'S GLORY.** — Resembling Blue Imperial in general appearance and habit of growth, but more uniform, and undoubtedly an improvement on that well known sort. Seed pale blue, smooth, flattened; height 30 inches.

**FILLBASKET.**—Hardy, prolific, upright, and branching in habit, dark green foliage, pods 3 inches long, round slightly curved and well filled with peas of medium size. Seed small, round, green; height 2½ feet

**IMPROVED FILLBASKET.**—Distinguished from the old and well known Fillbasket in having pods that are broader and longer and larger in every way. The 3½ inches long pods are remarkably well filled, making it a popular sort with gardeners. in some sections: very much like Gladiator. Seed small, smooth, green; height 2½ feet.

#### **Tall Growing, Medium and Late Sorts.**

**ALLAN'S ADMIRAL DEWEY.**—Since we first started with this pea, having two or three vines in 1884, it has grown to take the front rank in all the list of large podded, long vined peas, and is to-day recognized as the best in its class by the leading trade in America, and we have never yet been able to supply the quantity demanded. Remarkably healthy, vigorous and productive, it is almost entirely free from sports and in that respect is far ahead of any other large podded pea we have ever grown. Pods of the largest size, frequently 6 inches in length, straight, rounded at the point, deep green in color, and most beautifully shaped, well filled with large peas that are deep green in color and of the richest flavor. We unhesitatingly claim this to be the best pea of all

its class. Seed large, green, wrinkled; height  $3\frac{1}{2}$  feet.

**DUKE OF YORK.** — An advance in the way of earliness in that class to which *Telephones* and *Duke of Albany* belong. It is a week or ten days earlier than these sorts and of dwarfer habit. The peas are of superior quality and flavor, but the pods are shorter and smaller than *Telephone* and *Duke of Albany*. Although it has many desirable qualities, because of its strong tendency to sport we do not recommend it, and we have dropped it from the list. Seed light green, wrinkled; height  $2\frac{1}{2}$  feet.

**LAXTON'S ALDERMAN.** — This is a very large podded pea, very robust and vigorous, producing pods of the largest size well filled with peas of most excellent flavor. The pods are larger and longer than those of *Telephone* or *Duke of Albany*. Pod  $4\frac{1}{2}$  to 5 inches long, straight, pointed at the end. Seed green, wrinkled; height  $3\frac{1}{2}$  to 4 feet.

**DUKE OF ALBANY.** — Resembling *Telephone* in appearance, the vine is not quite so long while the pods are a little larger and produced more abundantly. This pea has always shown strong tendency to sport and a true strain is not easily obtained. Pods 4 to  $4\frac{1}{2}$  inches long, light green in color. Seed light green, very much wrinkled; height  $2\frac{1}{2}$  to 3 feet.

**CARTER'S TELEPHONE.** — Vines and leaves large and coarse, pods 4 to  $4\frac{1}{2}$  inches long, nearly straight, rounded at point, light green in color, well filled with large tender peas, sweet and of good flavor. The fine appearance of the pods with the quality of the peas have made this a very popular

sort, the greatest drawback being its strong tendency to sport, which adds largely to the cost of cultivation. Seed light green, very much wrinkled; height  $3\frac{1}{2}$  feet.

**ALLAN'S IMPROVED TELEPHONE**—An improvement on Carter's Telephone in having larger, longer pods, deeper green in color, and peas of richer flavor. Its great comparative merit consists in the fact that while Carter's has a strong tendency to sport and a true stock is not easy to find. Allan's Improved Telephone is remarkably constant and true. Pods 5 to  $5\frac{1}{2}$  inches in length. Seed large, green, wrinkled, height  $3\frac{1}{2}$  feet.

**AMERICAN CHAMPION**.—A large podded, tall growing pea of fine quality, resembling very closely in general appearance Duke of Albany. Seed light green, wrinkled; height 3 feet.

**CULVERWELL'S TELEGRAPH**.—Resembling in all respects, as to vine, leaf and pods, Carter's Telephone, except that they are a deeper shade of green, and peas of only fair quality. A favorite with some market gardeners, on account of the fine appearance of the pods when in the basket. Pods 4 to  $4\frac{1}{2}$  inches long, nearly straight, well filled and pointed at the end. Seed dark green, round dented; height  $3\frac{1}{2}$  feet.

**LONG ISLAND MAMMOTH**. — Very popular with market gardeners who want a large handsome pod, of good carrying qualities, well filled with peas of fair quality. Season medium. Pods similar to telegraph. Seed dark green, round, dented; height  $3\frac{1}{2}$  feet.

**ALLAN'S IMPROVED TELEGRAPH**.—Resembling Culverwell's Telegraph in gen-

eral appearance and habit of growth, but more vigorous and a little longer vine, pods not quite so dark in color. Pods fully as long and a little broader, and its great merit consists in its uniform habit, having very little tendency to sport, and in this respect is a great improvement over Culverwell's Telegraph. Pods 4 to 4½ inches long, straight, very broad. Seed a beautiful shade of green, smooth but slightly dented; height 3½ to 4 feet.

**ALLAN'S IMPROVED LONG ISLAND MAMMOTH.**—The great advantage of this over the old strain of Long Island Mammoth is the fact that while the latter pea has always grown quite a large percentage of small pods and has been very hard to keep true, Allan's Improved strain is unusually constant and true, throwing but a very small percentage of sports, and for that reason is far more desirable. Pods are fully as long and broader, not quite so dark in color. Seed smooth, green: height 3½ to 4 feet.

**ADMIRAL.** — This is a long vined, medium season pea, bearing in great profusion pods at the top of the vine, about the same size and shape as the *Maud S.*, but more closely packed with peas of excellent flavor. The small size and the fine flavor of the pea, coupled with its great hardiness and productiveness, make it a most desirable sort for canners who wish a sweet wrinkled pea of small size, tender, of good flavor, and light in color. Pods 2¾ inches long straight, round, closely packed with peas to the end. Seed small, cream color, wrinkled, height 3 to 3½ ft.

**CHAMPION OF ENGLAND.**—An old sort still much prized by those who are fond of a large, tender, sweet and luscious pea; hardy

and vigorous in growth. Pod 3 inches long, broad, nearly straight, seed light green, very much wrinkled; height 4 feet.

**FORTY FOLD.** — An improved Champion of England, not quite so rampant in growth, with larger pods, longer and better filled. Seed light green, very much wrinkled; height  $3\frac{1}{2}$  feet.

**BRITISH QUEEN.**—One of the oldest and best known sorts, but on account of its rampant growth is best adapted for heavy and rather stiff soil. Pods short and broad, borne near the top of the vine, hardy and fairly productive when grown on proper soil. Pods 3 to  $3\frac{1}{4}$  inches long, broad and straight, seed large, cream color, wrinkled, height 5 feet.

**NE PLUS ULTRA.** — One of the oldest standard sorts, much prized in England on account of the deep green color and rich flavor of the peas when cooked. On account of the great length of the vine it is not so popular in the United States. Pods 3 to  $3\frac{1}{4}$  inches long, broad, straight, blunt or square at the point. Seed large, pale green, tinged with cream color, wrinkled; height 5 feet.

**FRENCH CANNER.**—A popular and desirable sort for canners. Vigorous, hardy and productive, having round curved pods,  $3\frac{1}{2}$  inches long, closely packed with small peas of good flavor. Season medium late. Seed very small, round, white; height  $3\frac{1}{2}$  feet.

**SCIMITER CANNER.** — Vigorous hardy, and productive, bearing broad, curved pods near the top of the vine, 4 inches long. The pods being curved in reverse to the usual manner, being in the shape of a scimitar, hence the name. Seed smooth, round, medium sized, light cream color, height  $3\frac{1}{2}$  feet.

**IMPROVED SUGAR MARROW.**—Entirely distinct from the old well known White Marrowfat, and far more desirable in every way. Pods 3 inches long, beautifully shaped, well filled with peas of the true Marrow flavor, while their smaller size makes them far more desirable for canning. Seed small, white slightly pitted or dented; height  $3\frac{1}{2}$  feet.

**BLACK EYE MARROWFAT.**—Hardy, strong, and vigorous, bearing broad, thick leathery pods near the top of the vine, containing four to five large peas of indifferent quality for the table and but little used for that purpose since the introduction of the more desirable wrinkled varieties. Seed large, round, white with a distinct black eye; height 4 feet.

**DWARF WHITE MARROWFAT.**—Resembling in appearance and habit of growth Black Eye Marrowfat, but with the exception of the seed, which is large, smooth, slightly oval; height  $3\frac{1}{2}$  feet.

## BEANS.

Recent years have shown a decided improvement in quality in the newer sorts, and for a new sort to become popular, it is not sufficient that the pod be large and showy but the texture must be brittle and tender, free from any tough fiber and without any string.

Among the newer sorts of special merit are ALLAN'S IMPERIAL WAX, BRITTLE WAX, HODSON'S WAX, Burpee's Stringless Green Pod, Johnson & Stoke's Giant Pod, Bountiful and Longfellow.

### Dwarf Wax Beans.

**ALLAN'S IMPERIAL WAX.** In this bean we have a pod large, long and showy, borne on plants of vigorous growth so they stand well up from the ground. Season medium early. If the pods are picked while they are young they will be found to be tender, but they quickly grow tough by remaining too long on the vines. Plant is very vigorous and healthy. Pod 6 inches long, broad, straight, showy and of waxy color. Seed white, splashed with chocolate brown, different in marking from any other variety.

**HODSON WAX.** Of recent introduction and should have a large sale as it seems to be of real merit. Strong vigorous habit, 16 inches with tough, healthy foliage. Wax pod 6 inches long, nearly straight, thick, flat and meaty, excellent quality. Season medium. Seed medium size, crimson with marking of a light shade.

**DAVIS KIDNEY WAX.** Introduced by D. M. Ferry & Co. and has quite extended sale as the pod is large and showy, the plant upright, and holds the pods well up from the ground; height 14 inches, fairly productive.

Pods ,white waxy color 5 to 5½ inches long, flat, wide, straight, strong, thick fiber. Seed white, kidney shape.

#### KEENEY'S RUSTLESS GOLD WAX.

— A strong growing variety throwing out tendrils or runners, setting the first pods early near the base of the stalk while pushing out buds at the top of the vine, thus producing a great number of pods maturing in succession over a long period. Almost entirely free from rust. Pods 3 to 4 inches long, flat, straight, yellow, and of good quality. Seed very similar to that of Golden Wax.

GRENELL'S IMPROVED GOLDEN WAX.—This is a great improvement on the old strain Golden Wax, for, as the latter is so subject to blight that it is exceedingly difficult to grow, Grenell's improved strain is so hardy and so much less liable to blight or rust that it is one of the best croppers and one of the most desirable to grow of all the wax varieties. The pod is not so large nor so long as that of the old strain, neither does it turn to a golden color at so early a stage of its growth. But its greater reliability and productiveness makes it a far more desirable sort. Pods 3 ½ to 4 inches long, straight, flat, meaty, very light cream wax color, very good quality. Seed somewhat smaller than the old strain Gold Wax, white splashed with crimson, the white portion being larger and more distinct than that of the old strain Golden Wax.

OLD STRAIN GOLDEN WAX.—Early, productive, pods flat, straight, golden in color, tender and of fine quality. This variety is extremely liable to rust or blight and its use is largely superseded by Improved Golden Wax, as when the

season is at all unfavorable this bean is almost certain to blight and rust, and we would recommend that it be dropped from the list entirely on account of the disappointment which is sure to follow the loss of crop through the blight. Seed white, splashed with crimson.

**CURRIE'S RUST PROOF.**—Since this bean has been generally introduced and thoroughly known, it has proved to be one of the most reliable and popular sorts of flat podded wax beans, the good appearance and quality of the pods, together with its freedom from blight or rust, and its reliable cropping qualities making it most desirable. Pods,  $4\frac{1}{2}$  to 5 inches long, flat, tender and of fine quality, one of the earliest to ripen. Seed larger than Black Wax, purple or brownish black.

**DETROIT WAX.**—Early, hardy, healthy and productive. Pods  $3\frac{1}{2}$  to 4 inches long, light cream color, flat, broad straight, of only medium quality. Seed, white with dark brown or black marks about the eye.

**WARDWELL'S KIDNEY WAX.**—On account of the large size, handsome appearance and good quality of the pods, this is the most popular wax bean in America to-day. When conditions and surroundings are all favorable, it is a most excellent cropper, but being of a tender habit and constitution it is easily susceptible to adverse influences and is one of the most uncertain croppers on the whole list, and being so difficult to grow, sufficient quantities have not been produced, and it has commanded higher prices than any other sort. Upright in growth, pods 5 to 6 in. long, broad, flat and of beautiful light waxy color, and of fine quality. Seed kidney shaped, white, blotched and splashed with purplish brown about the eye.

**BRITTLE WAX.**—Introduced by W. Artee Burpee & Co. Hardy, productive, prolific and seems to be of healthy constitution. Pods 6 inches long, curved round, meaty, stringless, tender, brittle and of first class quality. Seed, small, white with peculiar marking of very dark brown or black near the eye.

**ROUND PODDED KIDNEY WAX.**—Pods round, tender, stringless, 6 inches long, curved; habit of growth, pod and ripened seed very similar to Brittle Wax.

**REFUGEE WAX.**—This has the same habit, length of vine, foliage and size and shape of pods as Extra Early Refugee, from which it was obtained, but the pod is a beautiful white wax color, curved, round, thick and nearly stringless when young. Wealthy foliage and not so liable to blight as some other sorts. Seed like Early Refugee but more glossy in appearance.

**VALENTINE WAX.**—A selection from Red Valentines which it closely resembles in seed habit of growth and pod, except it is a little more dwarf and the pod is a beautiful wax color. Pod round, curved, solid and meaty, very fine quality when young; one of the earliest to ripen.

**GOLDEN EYE WAX.**—Early, remarkably strong, vigorous and productive, vine and leaves large and coarse. Pods long, straight, flat, of fine appearance, but coarse in texture and of poor quality. Seed white, blotched with yellow.

**CRIMSON FLAGEOLET WAX.**—Vigorous upright habit, 14 inches tall tough leathery foliage, wax pods 5 to 6 inches long, flat, straight. Seed large, kidney shaped, very deep crimson shading toward purple.

**DWARF BLACK WAX, CHALLENGE STRAIN.**—Vine about 10 inches high, early

and very productive, pods  $3\frac{1}{2}$  inches long, white, waxy color, round, curved, meaty, and remarkably tender and of delicate flavor. Quality first-class, Seed small, glossy, black.

**DWARF BLACK WAX, PROLIFIC STRAIN.**—Strong, healthy foliage, 12 inches high, thick, nearly straight, meaty pods, 4 to  $4\frac{1}{2}$  inches long, creamy white in color, of good quality. Seed oblong, black.

**DWARF BLACK WAX, PENCIL POD STRAIN.**—Season medium, vigorous habit, healthy foliage, 15 inches high, pods golden waxy color, 6 to  $6\frac{1}{2}$  inches long, curved, meaty, round, brittle, tender, stringless, of excellent quality. Seed long, round, black.

#### **Green Podded Varieties.**

**EARLY WARWICK.**—One of the earliest sorts we have ever tested. Dwarf, vigorous, and uniform in habit, of healthy constitution, pods flat and of good quality if picked when young. On account of its earliness, healthfulness and productiveness it is a most valuable sort where an early green, flat pod is wanted. Seed medium size, most handsomely and beautifully splashed with brilliant carmine.

**WARREN BUSH.**—Vigorous and upright in growth, producing very broad, flat pods, 4 inches long, straight, very dark green, that are tender and of very fine flavor, much prized in the limited section where it is grown. Seed large, oval, thick, purplish brown.

**BURPEE'S STRINGLESS GREEN POD.**—Vigorous and upright in habit, but not so hardy as some other sorts, as in many instances it shows a disposition to blight or rust. The quality of the pods is first class,

5 to 6 inches long, slightly curved, round, meaty, stringiess and tender. Seed medium size, dark brown with a darker marking at the eye.

**JOHNSON & STOKES' GIANT POD VALENTINE.**—Healthy, vigorous habit, 16 inches high, pods 5 to 6 inches long, nearly straight, large, round, meaty, stringless, of fair quality. An abundant producer of large showy pods. Seed medium size, yellowish brown.

**BEST OF ALL.**—Vigorous, branching habit, a profitable and popular sort throughout the South. Season medium late. Pods thick, straight, 5 to 6 inches long, light green in color, splashed with carmine. Seed cream color, splashed and streaked with dull red.

**EXTRA EARLY REFUGEE.**—A variation from the old and well known Refugee or Thousand to One, more dwarf and compact in growth, and a long way earlier, being fit to pick nearly as early as Six Weeks. Pods round, light green, nearly straight, solid, tender, and of good quality either for canning or pickling. Seed resembles that of early Refugee.

**REFUGEE OR THOUSAND TO ONE.**—Vines large, spreading, bearing in great abundance long, cylindrical, whitish green pods, tender and very desirable for canning and pickling. Season late. Seed long, slender, drab splashed with purple.

**EARLY MOHAWK.**—Perhaps the oldest of all the green podded sorts grown. Hardest of any, even successfully resisting a slight degree of frost. Leaves and vines large coarse and straggling; early and very prolific. Pods 4 to 4½ inches long, nearly straight, broad and flat, of only medium quality. Seed large, of purplish shade splashed irregularly with a lighter color.

**CHINA RED EYE.** -- An old and well known sort, early, hardy, productive, pods 4 to 5 inches long, flat, straight, of poor quality. Seed medium sized, white with a distinct red eye.

**LOW'S CHAMPION**—Upright in growth, fairly productive; pods 4 inches long, straight, broad, and of good quality. Seed large, purplish red in color.

**BOUNTIFUL.** — This variety is well known and should have an extensive sale, as it is one of the best green podded beans on the market. As hardy and productive as Six Weeks with stringless pods of excellent quality, it should take the place of that sort. Pods 6 to 6½ inches long, broad, thick, meaty, stringless and of excellent quality. Seed medium size, yellow.

**LONG YELLOW SIX WEEKS.**—Early, upright in growth, bearing in good profusion. Pods 4½ to 5 inches long, slightly curved, of only fair quality. Seed long, yellow.

**GODDARD OR BOSTON FAVORITE**—Resembling Dwarf Horticultural in habit of growth and color of the pod, except that the vine is coarser and ranker in growth, and pods larger and longer. The pods are splashed with red toward the later period of growth and when shelled and cooked in a green state, the beans are of very rich flavor and good quality. Seed similar in marking to Dwarf Horticultural but longer.

**DWARF HORTICULTURAL.** — Vigorous, straggling in growth, plant throwing out tendrils or runners. Pods streaked and blotched with carmine. Used as shell beans, this, together with Goddard and Horticultural Pole, have long been favorites with those who have use for a shell bean of rich flavor and good quality. Seed light yellow, irregularly splashed with carmine.

**LONGFELLOW.**—Vigorous in growth, 16 inches tall, bearing abundance of pods 5 to 6 inches long, round, slightly curved, stringless when young, of good quality. Seed small, long, color mostly a dark red relieved by blotches and markings of a lighter shade.

**HOPKINS' IMPROVED VALENTINE.**—Hardy and vigorous, upright in growth, pods held well up from the ground. Early and remarkably uniform in height as well as ripening, making it one of the most desirable sorts for market gardening as a large proportion of the pods can be secured at one picking. Pods round, thick, solid, meaty, tender, and of fine flavor. We find this to be as early as any strain of Valentines we have ever tested and fully as uniform in habit and ripening, with an almost entire absence of flat pods. We offer this strain with entire confidence. Seed medium size, crimson, frequently with markings of a lighter shade.

**BLACK VALENTINE.**—Vigorous and healthy foliage, bearing an abundance of pods 5 inches long, round, meaty, stringless, tender and of good quality.

**LARGE WHITE MARROW.**—This has a vigorous branching habit, vines covering the ground. Season medium late and beans of large size and of good quality both for shelling and using in the green state, or when ripened, they are much esteemed for cooking on account of their rich flavor. Seed large, oval or egg shaped, white.

**WHITE KIDNEY.**—This is of vigorous upright habit and in quality much like White Marrow, and is used for the same purposes, both as green shell bean, and after being ripened. Seed is large, long, kidney shaped, white.

**RED KIDNEY.**—Of vigorous, upright habit of growth. The beans being of large

size and of rich quality and fine flavor, they are much prized on account of the superior quality, both green and dry. Seed brick red in color, kidney shaped.

### Pole Beans.

**LONDON HORTICULTURAL OR HORTICULTURAL POLE** — An old and well known variety, hardy, very productive, much esteemed for the rich quality and good flavor for the beans when shelled. Although it will make quite satisfactory return when the crop is grown without poles, the result is far more satisfactory when the crop is grown on poles. The pods, much like those of Dwarf Horticultural are green, streaked with carmine as they approach maturity. Seed is similarly marked, but more nearly egg shaped.

**WORCESTER. HAMPDEN, OR CARMINE PODDED POLE.** — These are an improvement on Horticultural Pole, doubtless obtained through selection, producing larger pods which are more brilliantly marked, and the seed of nearly the same general appearance.

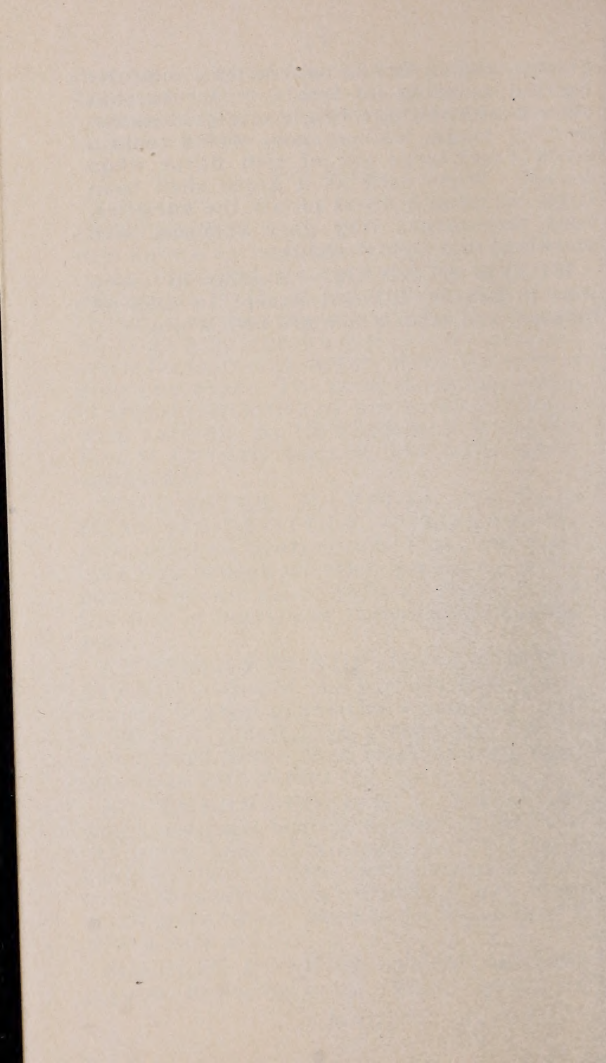
**KENTUCKY WONDER OR OLD HOME-STEAD.** — One of the earliest pole beans, bearing in great quantities clusters of light green pods, round, long, meaty, and tender and of good flavor. Seed medium sized, light chocolate with darker eye.

**SOUTHERN PROLIFIC.** — An old and well known sort bearing in great quantities flat green pods of fair quality. This bean has been almost entirely superseded by Kentucky Wonder, which produces a pod of so much more value. Seed small, light brown with a dark eye.

**SCARLET RUNNER.** — An old and most popular flowering bean. Very vigorous in

growth, and on this account forms a most delightful covering for trellis or screen; has clean healthy foliage, bright scarlet blossoms, bearing tough, leathery pods which contain seeds of very large size, of rich flavor when cooked. When used as a green shell bean it is one of the finest of all the varieties. Seed very large, very dark crimson with markings of a lighter shade.

**WHITE RUNNER.** — Similar in every way to Scarlet Runner, except in color of blossom and seed, which are both white.





**ALLAN'S  
Admiral Dewey**



**Best Seller**

**THE LARGEST POD**  
**Most Attractive**      **Finest Flavor**  
**Without a Peer**

**The Money Maker**